

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2004/022780

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04L27/34

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	LIM J-H ET AL: "Labeling and decoding schemes for backward-compatible hierarchical coded modulation" IEEE, vol. 1, 23 September 2000 (2000-09-23), pages 123-128, XP010532479 page 123, left-hand column, paragraph 2 figure 6a	1-3,5, 8-12,14, 17,19-23
Y	EP 1 065 854 A (TANDBERG TELEVISION ASA) 3 January 2001 (2001-01-03) paragraph '0001! paragraph '0012!	7,16,18, 24
		7,16,18, 24

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
19 November 2004	06/12/2004
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl. Fax: (+31-70) 340-3016	Authorized officer Litton, R

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Information on patent family members

International Application No
PCT/US2004/022780

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 1065854	A 03-01-2001 EP	1065854 A2	03-01-2001